



Product Evaluation

WIN2231 | 0717

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2231

Effective Date: July 1, 2017

Re-evaluation Date: July 2021

Product Name: Siteline Aluminum Clad Wood Direct Set Windows, Fin and Frame Installation, Impact Resistant

Manufacturer: JELD-WEN Windows & Doors
Window Division – Hawkins
811 Factory Street
Hawkins, WI 54530
800-535-3936

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Siteline Aluminum Clad Wood Direct Set	LC-PG50 42x60- Type FW Missile Level D	+50 / -65 psf
2	Siteline Aluminum Clad Wood Direct Set	LC-PG50 48x84- Type FW Missile Level D	+50 / -65 psf
3	Siteline Aluminum Clad Wood Direct Set	LC-PG50 60x60- Type FW Missile Level D	+50 / -65 psf
4	Siteline Aluminum Clad Wood Direct Set	LC-PG50 60x72- Type FW Missile Level D	+50 / -65 psf
5	Siteline Aluminum Clad Wood Direct Set	LC-PG50 84x84- Type FW Missile Level D	+50 / -65 psf

Product Dimensions:

System	Overall Size
1	42" x 60"
2	48" x 84.125"
3	60" x 60"
4	59.92" x 72.16"
5	84.02" x 83.98"

Product Identification (Certification Label on Window):

System		
1- 5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Siteline Clad Impact Direct Set
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-13; ASTM E 1996-14 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1- 5	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1	Type of Installation	Install and anchor windows in accordance with JELD-WEN "Siteline Clad Direct Set Impact Window;" drawing No. SJW2015-114-R2; dated June 06, 2016, signed and sealed by Hermes F. Norero, PE on August 3, 2016
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
2	Type of Installation	Install and anchor windows in accordance with JELD-WEN "Siteline Clad Direct Set Impact Window;" drawing No. SJW2015-102; dated June 06, 2016, signed and sealed by Hermes F. Norero, PE on August 3, 2016
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
3	Type of Installation	Install and anchor windows in accordance with JELD-WEN "Siteline Clad Direct Set Impact Window;" drawing No. SJW2015-105; dated June 06, 2016, signed and sealed by Hermes F. Norero, PE on August 3, 2016
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Installation (continued):

System		
4	Type of Installation	Install and anchor doors in accordance with JELD-WEN "Siteline Clad Direct Set Impact Window;" drawing No. SJW2015-076; dated June 06, 2016, signed and sealed by Hermes F. Norero, PE on August 3, 2016.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
5	Type of Installation	Install and anchor doors in accordance with JELD-WEN "Siteline Clad Direct Set Impact Window;" drawing No. SJW2015-075; dated June 06, 2016, signed and sealed by Hermes F. Norero, PE on August 3, 2016.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.